

(1390 REV. 5-93) US DEPT. OF COMMERCE PATENT &amp; TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
110085

**TRANSMITTAL LETTER TO THE  
UNITED STATES  
DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING  
UNDER 35 U.S.C. 371**

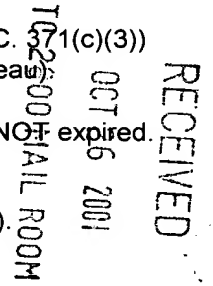
U.S. APPLICATION NO.  
(if known, sec 37 C.F.R.1.5)  
09/889,097INTERNATIONAL APPLICATION NO.  
PCT/JP00/07963INTERNATIONAL FILING DATE  
November 10, 2000PRIORITY DATE CLAIMED  
November 11, 1999TITLE OF INVENTION  
INK JET PRINTER HEAD, MANUFACTURING METHOD THEREOF, AND POLYCYCLIC THIOL COMPOUNDSAPPLICANT(S) FOR DO/EO/US  
Hitoshi FUKUSHIMA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
- ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ Entitlement to small entity status is hereby asserted.
16. ☒ Other items or information: Submission of Substitute Declaration



U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/889,097	INTERNATIONAL APPLICATION NO. PCT/JP00/07963	ATTORNEY'S DOCKET NUMBER 110085
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17. <input type="checkbox"/> The following fees are submitted:  <b>Basic National fee (37 CFR 1.492(a)(1)-(5)):</b>  Search Report has been prepared by the EPO or JPO ....\$860.00  International preliminary examination fee paid to USPTO (37 CFR1.482) .....\$690.00  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....\$710.00  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$1,000.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....\$ 100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>	<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>																
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:10%;">Number Extra</th> <th style="width:10%;">Rate</th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">- 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">- 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$ 80.00</td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td style="text-align: center;">+ \$270.00</td> </tr> </table>	Claims	Number Filed	Number Extra	Rate	Total Claims	- 20 =	0	X \$ 18.00	Independent Claims	- 3 =	0	X \$ 80.00	Multiple dependent claim(s)(if applicable)			+ \$270.00		
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Total Claims	- 20 =	0	X \$ 18.00															
Independent Claims	- 3 =	0	X \$ 80.00															
Multiple dependent claim(s)(if applicable)			+ \$270.00															
<b>TOTAL OF ABOVE CALCULATIONS =</b>																		
Reduction by 1/2 for filing by small entity, if applicable.	-																	
<b>SUBTOTAL =</b>																		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).	+																	
<b>TOTAL NATIONAL FEE =</b>																		
	Amount to be refunded	\$																
	Charged	\$																

a. ☐ Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:  
 OLIFF & BERRIDGE, PLC  
 P.O. Box 19928  
 Alexandria, Virginia 22320

Date: August 1, 2001

NAME: James A. Oliff  
 REGISTRATION NUMBER: 27,075  
  
  
 NAME: Joel S. Armstrong  
 REGISTRATION NUMBER: 36,430

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hitoshi FUKUSHIMA et al.

Application No.: 09/889,097

Filed: July 11, 2001

Docket No.: 110085

For: INK JET PRINTER HEAD, MANUFACTURING METHOD THEREOF, AND  
POLYCYCLIC THIOL COMPOUNDS

**SUBMISSION OF SUBSTITUTE DECLARATION**

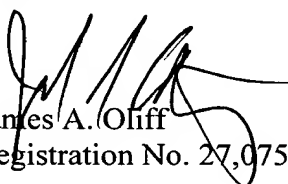
Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Submitted herewith is a fully executed Substitute Declaration of the Inventors.  
Entry of this document should resolve any informalities in the original Declaration.

It is respectfully submitted that no additional fees are required for the substitute  
Declaration. However, the Director is hereby authorized to charge any additional fee  
associated with this communication to deposit account number 15-0461.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

Joel S. Armstrong  
Registration No. 36,430

JAO:JSA/zmc

Date: August 1, 2001

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